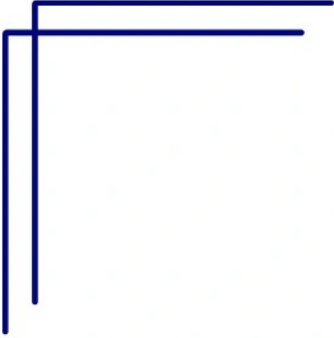




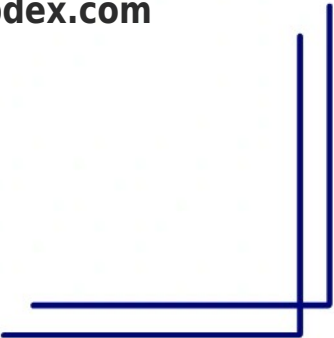
LABdex



Automatic Cell Counter LX4001ACR



Email: info@labdex.com **website:** www.labdex.com



Description

Automatic Cell Counter LX4001ACR is an advanced, fully automated cell counting system designed to deliver high accuracy, speed, and ease of use for modern laboratory workflows. Integrating high-definition imaging, intelligent analysis, and a deep learning recognition algorithm, the BJSY-B100 ensures precise cell cluster segmentation and reliable data visualization.

Specifications

Screen	10.1-inch HD color screen
Storage	500 GB solid-state memory
Focus mode	Auto focus
Concentration range	1x10 ⁴ to 5x10 ⁷ cells/ml
Diameter range	0 - 100%
Viability range	2 - 200 μm
Sample volume	20 μl
Measurement time	3 Samples per well, bright field:
Optical concentration	10 x Standard objective lens
Output format	JPG, PDF, CSV
Bright field Illumination	White LED illumination
Camera	6 Megapixels, professional-grade CMOS color optical imaging
Data transmission	Ethernet and one or more USB 3.0 ports
Product dimension (W x D x H)	308 x 290 x 360 mm

Packaging dimension (W x D x H)	620 x 390 x 430 mm
Gross weight	12 Kg

Features

- ˘ Begins the entire counting and analysis process with a single click for ease of use
- ˘ Automatically adjusts focus using patented auto focus technology for sharp, high-definition images
- ˘ Employs a deep learning AI algorithm
- ˘ Measures cell count, viability, density, and transfection rates with high precision
- ˘ Fully compliant with FDA 21 CFR Part 11 for data integrity and electronic record
- ˘ Displays results in intuitive formats including graphs, overlays, and statistics

Applications

- ˘ Laboratory instrument used to count and analyze cells in a biological sample. Used in research, immunology, microbiology, and stem cell studies.



71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.

Email: info@labdex.com | Website: www.labdex.com